

Title (en)  
Polymer base blend compositions containing destructured starch.

Title (de)  
Kunststoffmischung, welche destrukтуриerte Stärke enthält.

Title (fr)  
Mélange à base de polymères et d'amidon déstructuré.

Publication  
**EP 0409782 B1 19940615 (EN)**

Application  
**EP 90810534 A 19900712**

Priority  
• US 38162089 A 19890718  
• US 44774789 A 19891208

Abstract (en)  
[origin: EP0409782A2] A composition of matter capable of being formed into articles having substantial dimensional stability comprising a) destructured starch, and b) at least one compound selected from the group consisting of polysaccharide graft copolymers and graft copolymers of polysaccharide derivatives; said compound being present in an amount effective to enhance the physical properties of said articles. The composition may contain further conventional additives as well as hydrophobic, substantially water-insoluble polymers.

IPC 1-7  
**C08L 3/02**; **C08L 51/02**

IPC 8 full level  
**C08J 5/00** (2006.01); **C08L 1/00** (2006.01); **C08L 1/02** (2006.01); **C08L 3/00** (2006.01); **C08L 3/02** (2006.01); **C08L 5/00** (2006.01); **C08L 51/02** (2006.01)

CPC (source: EP KR)  
**C08L 3/02** (2013.01 - EP KR); **C08L 51/02** (2013.01 - EP)

Citation (examination)  
EP 0327505 A2 19890809 - WARNER LAMBERT CO [US]

Cited by  
US5391423A; RU2629680C1; US5869647A; US6096809A; US5462982A; US5939467A; US5292782A; US5417679A; AU668356B2; US5506277A; US5262458A; US5258430A; US5436078A; US5422387A; EP0818498A3; US5534150A; DE4116404A1; US5334634A; US5346936A; US5384170A; US5321064A; US5446078A; US5234977A; US5462980A; US5286770A; US5412005A; US5409973A; US5288765A; US5360830A; US6949256B2; US6214907B1; US6472497B2; WO9300116A1; US6235816B1; US9018268B2; US6528088B1; US6649188B2; US7887838B2; WO9841454A1; WO9219680A1; EP0542155B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0409782 A2 19910123**; **EP 0409782 A3 19910724**; **EP 0409782 B1 19940615**; AT E107327 T1 19940715; AU 5896590 A 19910124; AU 631090 B2 19921112; BR 9003322 A 19910827; CA 2020894 A1 19910119; CN 1048864 A 19910130; DE 69009877 D1 19940721; DE 69009877 T2 19941110; DK 0409782 T3 19941003; ES 2056427 T3 19941001; FI 903500 A0 19900711; HU 208985 B 19940228; HU 904171 D0 19901228; IE 66345 B1 19951227; IE 902531 A1 19910213; IL 95042 A0 19910610; IL 95042 A 19941128; JP H0356543 A 19910312; JP H0725942 B2 19950322; KR 910002990 A 19910226; NO 903089 D0 19900711; NO 903089 L 19910121; NZ 234455 A 19910827; PL 286005 A1 19910311; PT 94658 A 19910320; PT 94658 B 19970228

DOCDB simple family (application)  
**EP 90810534 A 19900712**; AT 90810534 T 19900712; AU 5896590 A 19900711; BR 9003322 A 19900711; CA 2020894 A 19900711; CN 90104837 A 19900711; DE 69009877 T 19900712; DK 90810534 T 19900712; ES 90810534 T 19900712; FI 903500 A 19900711; HU 417190 A 19900711; IE 253190 A 19900711; IL 9504290 A 19900711; JP 18167690 A 19900711; KR 900010479 A 19900711; NO 903089 A 19900711; NZ 23445590 A 19900711; PL 28600590 A 19900711; PT 9465890 A 19900711